

NEW ABSTRACT:

Please find the following new abstract:

Abstract of the Disclosure

A method for measuring the injection rate of an injection valve for liquids, preferably for liquid fuel, in which the injection valve injects the liquid into a liquid-filled measurement volume, the measurement volume being closed off on all sides and a pressure sensor being
5 located in the measurement volume. From the measured pressure values or by a separate measurement, the speed of sound is determined and thus the injection quantity or the course over time of the injection rate is calculated. The apparatus includes a measurement volume, an injection valve, which protrudes with at least one injection opening into the measurement volume, and a pressure sensor, which is located in the pressure node of the first natural
10 pressure oscillation of the measurement volume.